COTTON CHATS

FROM

DRAPER COMPANY

SHIPMAN'S
COMMON-SENSE BINDER

PATENTED

JANUARY 19, 1892. APRIL 19, 1904

To open binder, remove the slides from fasteners raise the fasteners to an erect position and then file papers. For punching: lay the papers on covers and mark sheets to correspond with fasteners.

If DUPLICATE is wanted ORDER 25981

ASA L. SHIPMAN'S SONS
MANUFACTURERS,
NEW YORK.

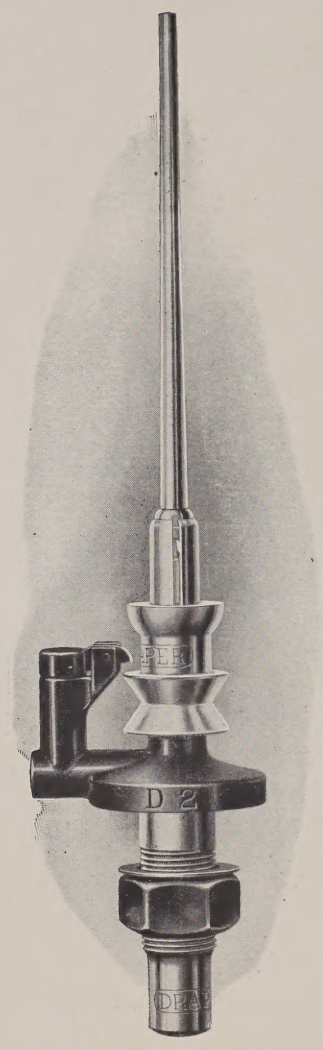
COTTON CHATS

By the Secretary of the
DRAPER COMPANY,
HOPEDALE, MASS.

No. 29. JULY, 1904.

WE regret to announce the death of our well known and faithful employee, William Welch, which occurred on July 12. He had been failing in health for several months, the disease developing into pernicious anæmia.

Mr. Welch had been directly employed by our company and its predecessors for twenty-one years, and long before his regular employment was in intimate personal association with our business, many of our earlier spinning devices being tested in his spinning room. It is doubtful if any man has been so familiarly known in New England Cotton mills for many years and a wide range of personal friends will miss his genial presence and share with us in the personal loss.



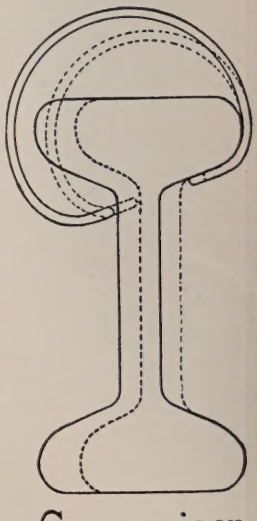
THE RABBETH CENTRIFUGAL BOBBIN CLUTCH.

We are sending out a separate circular on this important spindle improvement which we have mailed to all those on our list. Any reader of this announcement not having received same can have a copy on application.

We have already entered orders for thousands of spindles equipped with these clutches and have sample lots running in several mills.

Many disadvantages are not realized so long as cure is not in sight. The vexatious troubles with badly fitting bobbins may now be overcome in a very simple manner. A bobbin that does not fit properly usually rises till it fits loosely. It does not then revolve at the same speed with the spindle and therefore puts weak twist into the yarn. Many a spinner bands his spindles too tightly in the effort to overcome slack yarn when the trouble lies elsewhere. The Rabbeth clutch **fits loose but drives tight.**

We believe that our new spindle will spread the use of filling frames, for it eliminates the most serious troubles of bobbin filling. A frame using these spindles and our No. 1 flange rings, can spin yarn at surprising speeds and with twist that is low enough for all ordinary purposes. We have called attention to this small ring flange already by special circular, but show the section again to emphasize the point in question. The dotted line shows the No. 1 section as compared with the regular section of the ordinary ring. This al-



Comparison of flanges

lows small bow travellers to be used which may have more bearing surface for their weight. Some mills are changing over their filling frames to spin longer bobbins for use in common looms. When they get ready to use the Northrop looms they will find that the long bobbin saves labor in similar proportion. A long bobbin will not spin so well as a short one, however, and therefore requires the very best spindle and the very best ring. We are ready to supply them.

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TWISTER WEIGHT.

The question of building a cheaper twister was recently before our board of directors, it being shown that we could materially reduce cost by lightening the structure to bring the weight down nearer that of competing machines. As no one could urge that such a change would improve the machine, it was unanimously voted to continue making the best twister on the market even if many customers chose a cheaper grade. We prefer to cater to those who demand the best, even if sales are less frequent; and we will not demoralize trade conditions by selling machinery for less than cost.

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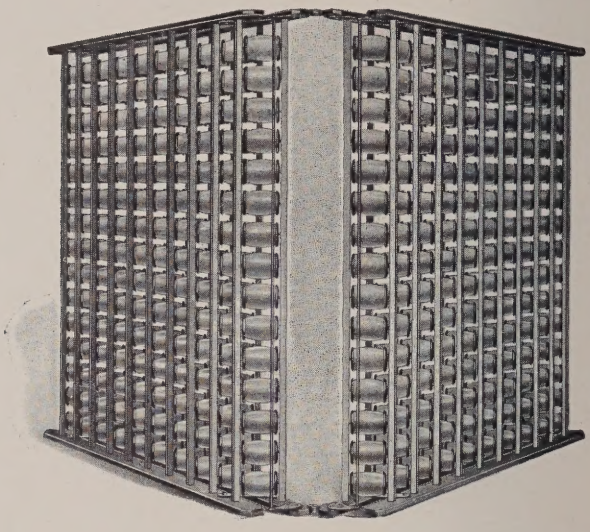
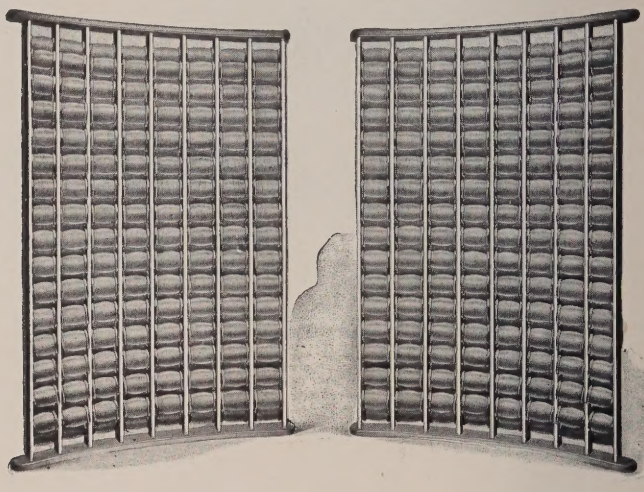
Our business is somewhat slack in conformity with the severe depression in the cotton industry. Our loom orders are sufficient to keep us busy for many months, however, and those who will want prompt delivery when ready to equip had better place their orders before the next boom comes along. A depression is always followed by a boom and better times are coming eventually. With all the evidence of curtailment and stoppage we will risk the assertion that Northrop loom mills are averaging nearer full time than their less fortunate neighbors.

WARPER CREELS.

We have never yet illustrated our standard patterns of creel. The regular V creel is shown below.



The circular creel follows. We only build these on request, strongly recommending the V creel for all ordinary use.



We are constantly adding improvements to our Warper constructions and have an unrivalled line. We are making a specialty of warping large beams and would be glad to correspond with those interested.

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